

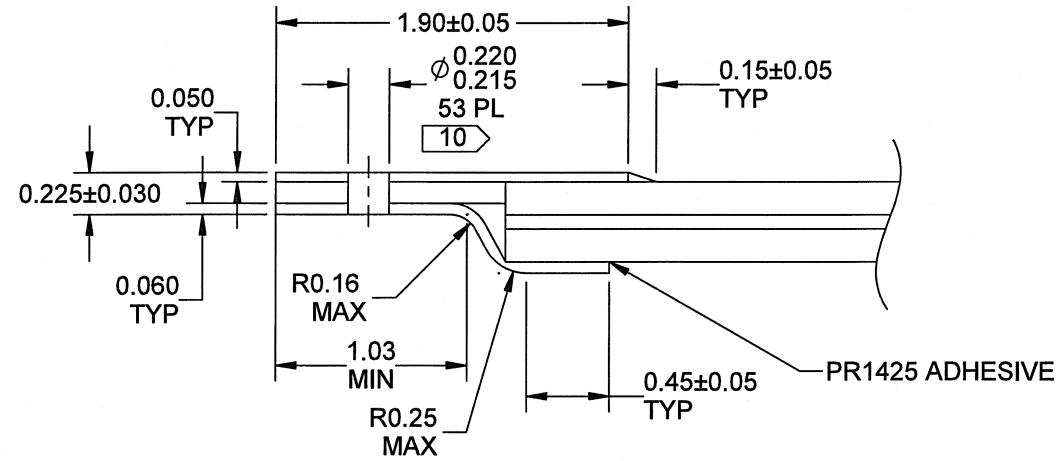
D5699-041 STANDARD WINDSHIELD, LH

D5699-042 STANDARD WINDSHIELD, RH

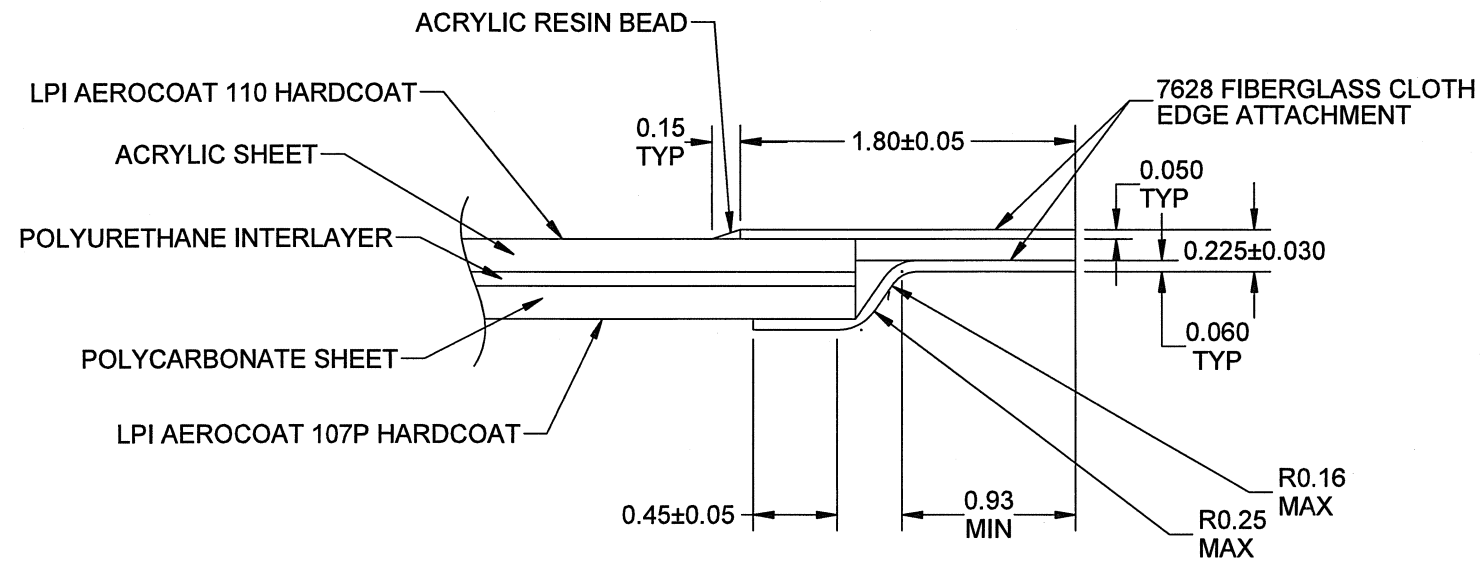
- NOTES:
- 1) MATERIAL: STRETCHED ACRYLIC PER MIL-PRF-25690B, 0.177" THK  
THERMOPLASTIC POLYURETHANE, 0.075" THK  
TUFFAK/MAKROLON UC (POLYCARBONATE), 0.177" THK
  - 2) FINISH: APPLY LPI AEROCOAT 107P HARDCOAT (INSIDE SURFACE) AND LPI AEROCOAT 110 HARDCOAT (OUTSIDE SURFACE)  
INSTALL LPI 7628 FIBERGLASS CLOTH USING ACRYIC RESIN PS-18/WELDON 28 (OUTSIDE) AND PR1425 (INSIDE) PER "D5699-041 BF" (LH)  
OR "D5699-042 BF" (RH)
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: ALL TRIMMED SURFACES MUST HAVE  $\frac{250}{\text{FINISH}}$
  - 6) IDENTIFICATION: SANDBLAST IDENTIFICATION USING 0.125" LETTERS IN LOCATION SHOWN (MAX 0.005" DEEP):  
D5699-04X (P/N) SN XXX (S/N)  
XX-20YY (DATE) 3AL64 (CAGE CODE)
  - 7) WEIGHT: 36 ± 3 lbs
  - 8) FORM PER LPI PROCESS "D5699" USING LPI FORMING TOOL "D5699-041 FM" (LH) OR "D5699-042 FM" (RH) RESPECTIVELY
  - 9) CURE ASSEMBLED WINDSHIELD IN AUTOCLAVE PER LPI PROCESS "D5699"
  - 10) FINAL TRIM/DRILL PER LPI DRILLING TOOL "D5699-041 TDJ" (LH) OR "D5699-042 TDJ" (RH) RESPECTIVELY
  - 11) EXTREME CARE MUST BE TAKEN NOT TO DAMAGE THE SURFACE OF THE WINDOW
  - 12) ACCEPTANCE CRITERIA:  
A) MINIMUM THICKNESS AFTER FORMING/LAMINATING IS 0.400"  
B) CONTOUR: MUST FIT "D5699-041/-042 BF" WITH A MAX GAP OF 0.060" AT THE TRIM LINE WHEN NO MORE THAN 30 LB WEIGHTS ARE APPLIED EVERY 6" ON THE PERIMETER  
C) DISTORTION: INSPECTOR TO VIEW THRU PART. NO MORE THAN 2 X 0.25" DEFECTS IN A CIRCLE WITH A 6.77" RADIUS. WINDOW MUST HAVE MAXIMUM DISTORTION OF 1:12 SLOPE WITH WINDOW IN INSTALLED POSITION (AS SHOWN) EXCEPT FOR WITHIN 1" OF THE WINDOW PERIMETER, WHICH IS NON-OPTICAL

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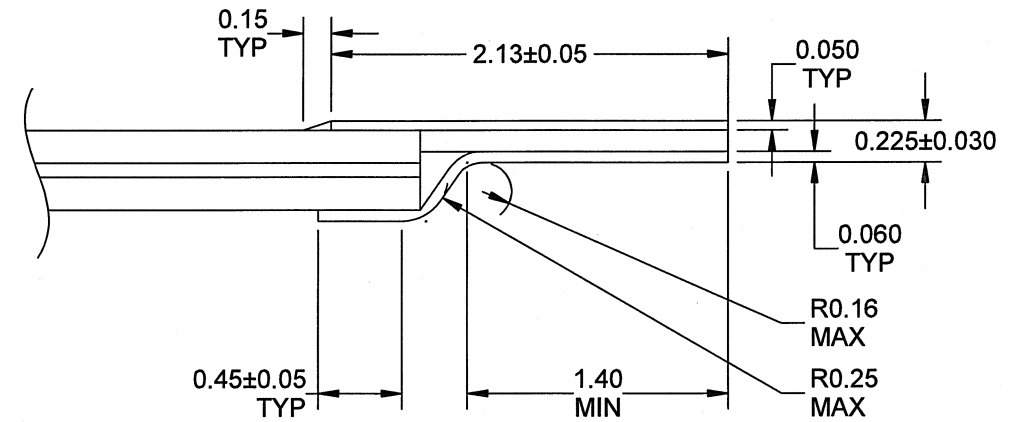
A	NEW ISSUE	VS	19.02.19
REV.	DESCRIPTION	BY	DATE
DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	RF	DRAWING NO. REV. A	
MFG. APPR.	RA	STANDARD WINDSHIELD SHEET 1 OF 2	
APPROVED	VS	TITLE SCALE	
DE APPR.	DS	D5699 NTS	
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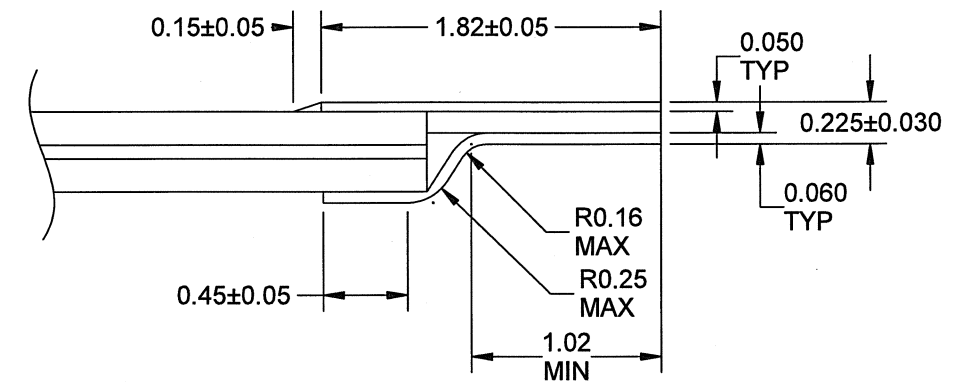
**SECTION C-C**



**SECTION B-B**



**SECTION A-A**



**SECTION D-D**

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DRAWN	VS		
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	RA	<b>STANDARD WINDSHIELD</b>	SHEET 2 OF 2
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	<b>D5699</b>	NTS
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